Index of Claims



Application/Control No.

10/716,404

Examiner

HELEN SHIBRU

Applicant(s)/Patent under Reexamination

MIKAWA, TAKUMA

Art Unit

2621

| <b>√</b> | Rejected |
|----------|----------|
|          | Allannad |

(Through numeral)
Cancelled

Restricted

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |  |
|---|----------|--|
| 0 | Objected |  |

|               |   | L              | L            |          |              |  | İ  |              | L            |                |  |
|---------------|---|----------------|--------------|----------|--------------|--|--|--------------|--------------|----------------|--|
|               |   |                |              |          |              |  |  |              |              |                |  |
| Claim         |   | <u> </u>       |              | ,        | (            | Date   | 2  |              | _            |                |  |
|               | <del></del>   | ا ر            |              |          |              |  |  |              |              |                |  |
| Final         | Original  | 12/3/07        |              |          |              |  |  |              |              |                |  |
| l iĒ          | Ĭ,Ĕ,  | 2              |              |          |              |  |  |              |              |                |  |
|               | Ι.  | Ι,             | l            |          |              |  |  |              |              |                |  |
|               | 1   | V              |              |          |              |  |  |              | Г            |                |  |
|               | 2   | ϭ              |              |          |              |  |  |              |              |                |  |
|               | 3   | J              |              |          |              |  |  | Г            |              |                |  |
|               | 4   | J              |              |          | _            |  |  |              |              |                |  |
|               | 5   | J              |              |          |              |  | Т  |              | Г            |                |  |
|               | 6   | J              | -            |          |              |  |  |              | $\vdash$     |                |  |
|               | 7   | J              | <u> </u>     |          |              |  |  |              | $\vdash$     | _              |  |
|               | 8   | J              | $\vdash$     | _        | _            | <del>                                     </del> |  |              |              |                |  |
|               | a   | J              | -            | _        |              |  | $\vdash$   |              | $\vdash$     | Н              |  |
| <b>—</b>      | 10  | 17             |              | _        |              |  | $\vdash$   |              | ┢            | Н              |  |
| <b>—</b>      | 11  | J              | $\vdash$     |          | ├            | <del> </del>                                     |  | $\vdash$     | $\vdash$     | $\vdash$       |  |
| $\vdash$      | 12  | J              | $\vdash$     |          | <del> </del> | <del> </del>                                     |  |              | $\vdash$     | Н              |  |
| -             | 12  | シャンション・ファイン・マー | $\vdash$     |          | <del></del>  | ļ  | ├  | $\vdash$     | $\vdash$     | Н              |  |
| -             | 1.4   | 1              |              | -        | -            | $\vdash$   | $\vdash$   | $\vdash$     | ├-           |                |  |
| $\vdash$      | 14  | 1.             | <u> </u>     | -        |              | <u> </u>   | $\vdash$   | $\vdash$     | _            | $\vdash$       |  |
|               | 15  | J              | ⊢            | ├        | <u> </u>     | <del> </del>                                     | <del> </del> —                                   | $\vdash$     | $\vdash$     | Н              |  |
| <u> </u>      | 16  | 1              |              |          | _            | _  | _  | <u> </u>     | ├            | Н              |  |
| <u> </u>      | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30 | V              | ļ            | <b> </b> | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>     |              | $\vdash$       |  |
| <u> </u>      | 18  | 1              |              |          |              |  | <u> </u>   | <u> </u>     |              | -              |  |
|               | 19  | Ш              |              |          | <u> </u>     | _  |  | L            | _            | Ш              |  |
|               | 20  | Ш              |              | _        |              |  |  |              |              | Ш              |  |
| <u> </u>      | 21  | Ш              | <u> </u>     | L_       |              |  |  | L            |              |                |  |
|               | 22  | Ц              |              |          |              | <u> </u>   |  |              |              |                |  |
|               | 23  | 1              | <u>L</u>     |          |              |  |  |              |              |                |  |
|               | 24  |                | L            |          |              |  |  |              |              |                |  |
|               | 25  |                |              |          |              |  |  |              |              |                |  |
|               | 26  |                |              |          |              |  |  |              |              |                |  |
|               | 27  |                |              |          |              |  |  |              |              |                |  |
|               | 28  |                |              |          |              |  |  |              |              |                |  |
|               | 29  | Г              | Г            | _        |              |  |  |              |              |                |  |
|               | 30  | Г              |              |          | <u> </u>     |  |  |              |              | П              |  |
| 1             | 31  | T              | Ι            | $\vdash$ |              |  | $\vdash$   |              |              | П              |  |
|               | 31<br>32<br>33  | $\vdash$       | $\vdash$     |          |              |  |  |              |              | $\Box$         |  |
| <b> </b>      | 33  | $\vdash$       |              |          |              | H  |  |              |              | Н              |  |
| $\vdash$      | 34  | <b>—</b>       | $\vdash$     | $\vdash$ |              | <del> </del>                                     | <del>                                     </del> | <del> </del> |              | Н              |  |
| -             | 34<br>35  | $\vdash$       | -            |          |              |  | <del>                                     </del> |              | $\vdash$     | H              |  |
| <b> </b>      | 36  |                | <del> </del> | $\vdash$ | $\vdash$     | $\vdash$   |  | _            | $\vdash$     | $\vdash$       |  |
| $\vdash$      | 37  | -              | $\vdash$     | -        | <del> </del> | ├─   |  | -            | -            | Н              |  |
|               | 38  | -              |              | H        | $\vdash$     | <del>  -</del>                                   |  | $\vdash$     | $\vdash$     | $\vdash$       |  |
|               | 39  |                |              | $\vdash$ | <u> </u>     | ├  |  | <del> </del> | $\vdash$     | Н              |  |
|               |   |                | <del>-</del> | $\vdash$ | <del>-</del> | ├-   |  |              | $\vdash$     | $\vdash\vdash$ |  |
| <u> </u>      | 40  |                | <u> </u>     | -        | <u> </u>     | <del> </del>                                     | <del> </del>                                     | <del> </del> | <del> </del> | $\vdash\vdash$ |  |
|               | 41  | <u> </u>       | _            |          |              | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u>     |                |  |
| ļ             | 42  | L              | L            |          | _            | <u> </u>   |  | <u> </u>     | $\vdash$     | Щ              |  |
| <u> </u>      | 43  | L              |              | $\vdash$ |              | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | Щ              |  |
|               | 44  | _              |              |          |              | <u> </u>   |  |              |              | Ш              |  |
|               | 45  | $oxed{oxed}$   | L.           |          |              |  | _  |              | L_           | Ш              |  |
|               | 46  |                |              |          |              |  |  |              | <u> </u>     |                |  |
|               | 47  | L              |              |          |              |  |  | _            |              |                |  |
|               | 48  |                |              |          |              |  |  |              |              |                |  |
|               | 49  |                |              |          |              |  | L  | L            | L            |                |  |
| $\overline{}$ | 50  | Г              |              |          | [ _          |  | I —  |              | Г            |                |  |

| Cla      | Date     |                                     |             |              |          |          |              |            |              |          |
|----------|----------|-------------------------------------|-------------|--------------|----------|----------|--------------|------------|--------------|----------|
|          |          |                                     |             |              |          |          |              |            |              |          |
| Final    | Original |                                     |             |              |          |          |              |            |              |          |
|          | 51       |                                     |             |              |          |          |              |            |              |          |
|          | 52       |                                     |             |              |          |          |              |            |              |          |
|          | 52<br>53 |                                     |             |              |          |          |              |            |              |          |
|          | 54       |                                     |             |              |          |          |              |            |              |          |
|          | 55       |                                     |             |              |          |          |              |            |              |          |
|          | 56       |                                     |             |              |          |          |              |            |              |          |
|          | 57       |                                     |             |              |          |          |              |            |              |          |
|          | 58       |                                     |             |              |          |          |              |            |              |          |
|          | 59       |                                     |             |              |          |          |              |            |              |          |
|          | 60       |                                     |             | <u> </u>     |          |          |              |            |              | <u> </u> |
|          | 61       |                                     | L           | _            |          |          |              | <u> </u>   |              | _        |
| L        | 62       |                                     |             | _            |          | _        | $oxed{oxed}$ | _          | <u> </u>     |          |
| ļ        | 63       |                                     | <u> </u>    |              |          |          | Ш            | <u>L</u>   | <u> </u>     |          |
|          | 64       |                                     | <u> </u>    |              |          | <u> </u> | <u> </u>     | _          | <u> </u>     | _        |
|          | 65       |                                     | <u> </u>    | Ш            |          | _        | $\vdash$     | <u> </u>   | <u> </u>     | <u> </u> |
|          | 66       |                                     | <u> </u>    |              |          |          | <u> </u>     |            | <u> </u>     | _        |
|          | 67       |                                     | _           |              |          |          |              | ļ          | <u> </u>     | L        |
|          | 68       |                                     |             |              |          | <u> </u> |              | ļ          | <u> </u>     | _        |
|          | 69       | ļ                                   | <u> </u>    |              |          | <u> </u> | <u> </u>     | ļ          | <u> </u>     |          |
|          | 70       | _                                   |             |              |          | <u> </u> | <u> </u>     |            | ļ            | _        |
|          | 71       | <u> </u>                            | <u> </u>    | <u> </u>     |          |          | <u> </u>     | ļ          | _            |          |
|          | 72<br>73 | -                                   | <u> </u>    | H            | _        | H        | H            |            |              |          |
| -        | 74       |                                     | _           |              |          | _        |              |            |              |          |
| <u> </u> | 75       |                                     | $\vdash$    | $\vdash$     |          | $\vdash$ | -            | ├          |              |          |
|          | 76       | $\vdash$                            | -           | -            |          | -        | $\vdash$     |            |              |          |
| -        | 77       |                                     | <del></del> |              |          | -        | -            | $\vdash$   | $\vdash$     |          |
|          | 77<br>78 | _                                   | $\vdash$    |              |          | -        | -            | -          | $\vdash$     |          |
|          | 79       |                                     | -           |              |          |          | <del> </del> | $\vdash$   | <del> </del> |          |
|          | 80       | $\vdash$                            |             |              |          | $\vdash$ | $\vdash$     |            |              | _        |
|          | 81       | _                                   |             |              | _        | _        | _            |            |              |          |
|          | 82       | Г                                   | T           | Ι,           |          |          | Γ            |            | <u> </u>     |          |
|          | 83       | <u> </u>                            |             |              |          |          |              |            |              |          |
|          | 84       |                                     | Ī           |              |          |          |              |            |              |          |
|          | 85       |                                     |             |              |          |          |              |            |              |          |
|          | 86       |                                     |             |              |          |          |              |            |              |          |
|          | 87       | 匚                                   |             |              |          |          |              |            | <u> </u>     | <u> </u> |
|          | 88       |                                     |             | $oxed{oxed}$ |          |          | L_           |            | <u> </u>     |          |
|          | 89       | _                                   |             | Щ            |          | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | L_       |
| L        | 90       | <u>L</u>                            | <u> </u>    |              | _        | <u> </u> | Ŀ            | <u> </u>   | <u> </u>     | <u> </u> |
| L        | 91       |                                     | <u> </u>    | _            |          | _        |              | <u> </u>   | _            | _        |
| ļ        | 92       |                                     |             |              |          | _        | <u> </u>     |            | <u> </u>     |          |
|          | 93       |                                     | L           | <u> </u>     |          |          | L            | <u> </u>   |              | _        |
| <u></u>  | 94       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L-          | _            |          | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u> |
|          | 95       | L.                                  | <u> </u>    | _            | _        | _        | $\vdash$     |            | <u> </u>     |          |
| -        | 96       |                                     | <u> </u>    | _            | _        | _        | <u> </u>     | _          | <u> </u>     | <u> </u> |
| -        | 97       | _                                   | H           | L.           | <u> </u> | <u> </u> | <b>—</b>     | <u> </u>   | <u> </u>     | <u> </u> |
| <u> </u> | 98       | <u> </u>                            | <u> </u>    |              | -        | -        | <u> </u>     | <b> </b> - | <u> </u>     | <u> </u> |
| L        | 99       | 1                                   | L           |              | Ι        |          |              |            |              |          |

| CI       | Date              |          |   |              |              |  |          |          |          |               |
|----------|-------------------|----------|---|--------------|--------------|--|----------|----------|----------|---------------|
|          |                   |          |   |              |              |  |          |          | •        |               |
| Final    | Original          |          |   |              |              | :  |          |          |          |               |
|          | 101               |          |   |              |              |  |          |          |          |               |
|          | 102               | L.,      |   |              |              | <u> </u>   |          |          |          |               |
| <u> </u> | 103               |          |   | _            | _            |  |          |          |          |               |
|          | 104               |          |   | _            |              | ļ  |          |          |          | _             |
|          | 105               |          |   | <u> </u>     |              | <u> </u>   |          |          |          | _             |
|          | 106               |          |   | <u> </u>     | <u> </u>     |  |          |          |          | -             |
|          | 107               | _        |   |              | -            |  |          |          |          |               |
|          | 108<br>109        | _        | - |              | $\vdash$     | H  |          |          |          |               |
|          | 110               |          |   | -            | _            | $\vdash$   |          |          |          |               |
| h        | 111               |          |   | Н            |              | <u> </u>   | _        |          | _        | $\vdash$      |
|          | 112               |          |   | Г            | Г            | П  | _        |          | _        |               |
|          | 113<br>114<br>115 |          |   |              |              |  |          |          |          |               |
|          | 114               |          |   |              |              |  |          |          |          |               |
|          | 115               |          |   |              |              | <u> </u>   |          |          |          |               |
| <u></u>  | 116<br>117        |          |   |              | Ш            | <u> </u>   | <u> </u> |          | _        | L             |
|          | 117               | _        |   | _            |              | <u> </u>   |          |          |          | _             |
| <u> </u> | 118               |          |   | -            | L            | <u> </u>   |          |          | _        | _             |
| -        | 119               |          |   | -            |              | ├  | _        |          |          | H             |
|          | 120<br>121        | _        | - |              |              | $\vdash$   | ┝        |          |          | <u> </u>      |
| -        | 122               | -        | - | -            | $\vdash$     | $\vdash$   | $\vdash$ |          | -        | <del> </del>  |
|          | 122<br>123        |          |   | $\vdash$     | -            | -  |          |          | -        |               |
|          | 124               |          |   |              |              |  |          |          |          | $\overline{}$ |
|          | 125<br>126        |          |   |              |              |  |          |          |          |               |
|          | 126               |          |   |              |              |  |          |          |          |               |
|          | 127<br>128        |          |   |              |              |  | <u> </u> |          | _        |               |
|          | 128               |          |   |              | ļ.           | <u> </u>   | <u> </u> |          | _        | _             |
| -        | 129               |          |   | H            | H            |  | -        |          | -        |               |
| -        | 130<br>131        |          | - | -            |              | -  |          |          |          | _             |
| -        | 132               | $\vdash$ |   | $\vdash$     |              | <del>                                     </del> | -        |          |          | <del> </del>  |
|          | 133               |          | _ | $\vdash$     | <del> </del> | _  | <u> </u> |          |          |               |
|          | 134               |          |   | _            |              |  |          |          |          |               |
|          | 133<br>134<br>135 |          |   |              |              |  |          |          |          |               |
|          | 136<br>137        |          |   |              |              | <u> </u>   |          |          |          |               |
| <u></u>  | 137               |          | _ | <u> </u>     |              | <u> </u>   | ٠        |          | _        |               |
| <u> </u> | 138               | <u> </u> | _ |              |              | $\vdash$   | _        | <u> </u> | <u> </u> |               |
| -        | 139<br>140        |          | _ | <del> </del> | $\vdash$     | <u> </u>   |          |          |          | -             |
| $\vdash$ | 141               | _        | - | $\vdash$     | $\vdash$     | <u> </u>   | -        |          |          | -             |
| $\vdash$ | 142               |          | - | H            | H            | $\vdash$   |          | -        | -        | $\vdash$      |
| <u> </u> | 143               | -        |   | $\vdash$     | -            | $\vdash$   |          |          |          | <b>-</b>      |
|          | 144               |          |   |              |              | $\vdash$   |          |          |          | $\vdash$      |
|          | 145               |          |   |              |              |  |          |          |          |               |
|          | 146               |          |   |              |              |  |          |          |          |               |
|          | 147               |          |   |              |              |  |          |          |          |               |
| <u> </u> | 148               |          |   | <u> </u>     |              | _  |          | L.       | <u> </u> | _             |
| <u> </u> | 149               |          |   | L            |              | <u> </u>   |          |          | <u> </u> |               |
| L        | 150               |          | l | l            |              |  |          |          | <u> </u> | L_            |